

Position Description (PD) for Yucca Mountain Lead Lab Activities

Position Description Number	YM229	
Creation Date of PD	3/17/2008	
Job Title	Data Qualification Specialist	
SNL Dept Name	Performance Assessment System Integration	
SNL Org Number (or TBD)	06781	
Number of Openings	2	
Description of Position	This position will primarily require analysis of data supporting general and localized corrosion of the engineered barrier system components. As necessary, existing data submittals will be evaluated for consistency with new results, new data submittals prepared, and existing data submittals revised. In addition to review and data and associated records packages (including scientific notebooks), staff are expected to support both process and system model analyses designed to assess impact of any resultant changes to the corrosion models supporting the License Application. Support may consist of documentation of results, review and checking of documents and data packages, and conduct of calculations, as directed by the corrosion program leads.	
Required Skills & Experience	Five (5) or more years of experience in the DOE's nuclear waste program; knowledge of model development; model validation; applicable QA requirements and NRC guidance on model development and validation; demonstrated ability to work with a diverse team of technical staff; good verbal and written communication skills.	
Desired Skills & Experience (if applicable)	Applied knowledge of risk assessment; ability to work both as part of a team and to perform work independently with little or no direction. Experience on the Yucca Mountain Project and with the systems used on the Project.	
Required Education (Degrees & Levels)	BS in science, engineering, or mathematics. A MS is highly desirable.	
Desired Education (Degrees & Levels - if applicable)		
Full Time Position? (Y/N)	Yes	
Job Requires lifting 35+ Pounds (Y/N)	No	
Desired Start Date	5/12/2008	
Can this position accommodate...		
Part Time Employees? (Y/N)	Telecommuting? (Y/N)	Foreign Nationals? (Y/N)

WBS Elements of 1.5.03		
1.5.03.05	Waste Package and Drip Shield Degradation	x

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